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 Conversion Factors For Production Traits. Source: INTERBULL 2208
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = PCORR2*Foreign Reliability

breed	country2	amilk	bmilk	afat	bfat	aprot	bprot	pcorr2
AYS	AUS	-315.90	1.1170	-5.000	1.3560	-6.600	1.3060	0.4096
AYS	CAM	-442.92	1.1460	-25.095	0.8571	-13.508	1.3666	0.6561
AYS	DEU	556.70	0.8080	36.100	0.8250	27.500	0.8160	0.8281
AYS	DFS	-4361.30	52.5110	-156.100	2.0220	-108.500	1.5330	0.7921
AYS	EST	568.70	1.0290	22.800	1.0540	24.200	0.9950	0.6724
AYS	GBR	-400.00	1.9620	-18.500	2.4000	-12.400	2.4700	0.6561
AYS	IRL	505.77	2.8348	17.251	2.6015	21.487	2.5836	0.5625
AYS	LTU	-385.77	1.4156	-2.770	1.1165	0.039	1.2934	0.4624
AYS	LVA	299.90	1.6800	12.400	1.6740	13.900	1.8040	0.5476
AYS	NLD	1388.59	0.6883	56.288	0.7328	52.034	0.6059	0.7569
AYS	NOR	-3139.30	38.8110	-129.600	1.5870	-86.600	1.2030	0.6889
AYS	NZL	-263.20	1.2180	15.100	1.2040	5.500	1.2080	0.3249
AYS	USA	-269.70	0.7980	-16.800	0.8700	-10.700	0.8440	0.7921
AYS	ZAF	-174.92	0.8263	-5.980	0.9429	-2.619	0.8733	0.6084

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 Conversion Factors For SCS Traits. Source: INTERBULL 2208
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = SCORR2*Foreign Reliability

breed	country2	a	b	scorr2
AYS	AUS	94.400	-17.6150	0.6561
AYS	CAM	11.164	0.8474	0.7921
AYS	DEU	58.800	0.3900	0.8836
AYS	DFS	57.600	0.4290	0.8836
AYS	EST	70.500	0.2820	0.7744
AYS	GBR	99.100	-0.4790	0.8649
AYS	LTU	96.483	-14.8525	0.7225
AYS	LVA	98.600	-0.0120	0.7569
AYS	NLD	-30.647	1.3158	0.8281
AYS	NOR	62.500	0.3670	0.7569
AYS	NZL	94.200	-11.0220	0.6084
AYS	USA	174.800	-25.3590	0.8464
AYS	ZAF	99.598	-0.1979	0.7056

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 Conversion Factors For Type. Source = INTERBULL MACE 2208
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=AUS

c c f
 a o o
 n u r a b t

b	t	n	t	v	v	c
r	r	t	r	a	a	o
e	a	r	a	l	l	r
e	i	y	i	u	u	r
d	t	2	t	e	e	2

AYS	CONFORMATION	AUS	CONFORMATION	-6.096	2.6528	0.4
AYS	FEET AND LEGS	AUS	OVERALL FEET & LEG	-4.296	2.7123	
AYS	MAMMARY SYSTEM	AUS	OVERALL UDDER SCORE	-6.499	2.6181	
AYS	STATURE	AUS	STATURE	-4.855	8.3555	
AYS	CHEST WIDTH	AUS	CHEST WIDTH	1.330	12.7684	
AYS	BODY DEPTH	AUS	BODY DEPTH	-1.450	9.6751	
AYS	PIN WIDTH	AUS	RUMP WIDTH	-2.738	10.9822	
AYS	RUMP ANGLE	AUS	RUMP ANGLE	-2.159	12.8855	
AYS	FOOT ANGLE	AUS	FOOT ANGLE	-2.135	13.9920	
AYS	REAR LEGS SIDE VIEW	AUS	REAR LEG SET	3.862	20.0779	
AYS	REAR LEG REAR VIEW	AUS	REAR LEG REAR VIEW	-4.294	19.4289	
AYS	UDDER DEPTH	AUS	UDDER DEPTH	-5.350	9.4544	
AYS	MEDIAN SUSPENSORY	AUS	MEDIAN SUSPENSORY	-4.484	12.4853	
AYS	FORE ATTACHMENT	AUS	FORE UDDER	-4.788	11.1804	
AYS	TEAT PLACEMENT	AUS	FRONT TEAT PLACEMENT	-0.943	9.6453	
AYS	TEAT LENGTH	AUS	TEAT LENGTH	1.537	8.2937	
AYS	REAR ATTACHMENT HEIGHT	AUS	REAR UDDER HEIGHT	-8.384	9.4705	
AYS	REAR TEAT PLACEMENT	AUS	REAR TEAT PLACEMENT	-2.083	13.8557	
AYS	ANGULARITY	AUS	ANGULARITY	-7.643	9.5612	

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 Conversion Factors For Type. Source = INTERBULL MACE 2208
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=CAM

	c	c	f			
	a	o	o			
	n	u	r	a	b	t
b	t	n	t	v	v	c
r	r	t	r	a	a	o
e	a	r	a	l	l	r

e d	i t	y 2	i t	u e	u e	r 2
AYS	CONFORMATION	CAM	CONFORMATION	-8.498	0.5843	0.5
AYS	FEET AND LEGS	CAM	OVERALL FEET & LEG	-5.721	0.4699	
AYS	MAMMARY SYSTEM	CAM	OVERALL UDDER SCORE	-9.416	0.6839	
AYS	STATURE	CAM	STATURE	-5.026	1.0076	
AYS	CHEST WIDTH	CAM	CHEST WIDTH	-1.569	0.8303	
AYS	BODY DEPTH	CAM	BODY DEPTH	-2.980	0.9883	
AYS	PIN WIDTH	CAM	RUMP WIDTH	-3.833	0.7760	
AYS	RUMP ANGLE	CAM	RUMP ANGLE	-0.477	1.0351	
AYS	FOOT ANGLE	CAM	FOOT ANGLE	-3.380	0.6145	
AYS	REAR LEGS SIDE VIEW	CAM	REAR LEG SET	3.774	0.7595	
AYS	REAR LEG REAR VIEW	CAM	REAR LEG REAR VIEW	-5.648	0.6780	
AYS	UDDER DEPTH	CAM	UDDER DEPTH	-4.370	1.1596	
AYS	MEDIAN SUSPENSORY	CAM	MEDIAN SUSPENSORY	-5.851	0.7110	
AYS	FORE ATTACHMENT	CAM	FORE UDDER	-7.762	0.6849	
AYS	TEAT PLACEMENT	CAM	FRONT TEAT PLACEMENT	-3.691	0.7619	
AYS	TEAT LENGTH	CAM	TEAT LENGTH	3.310	0.6392	
AYS	REAR ATTACHMENT HEIGHT	CAM	REAR UDDER HEIGHT	-8.655	0.7545	
AYS	REAR TEAT PLACEMENT	CAM	REAR TEAT PLACEMENT	-3.006	0.8672	
AYS	ANGULARITY	CAM	ANGULARITY	-9.404	0.7237	

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Conversion Factors For Type. Source = INTERBULL MACE 2208
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=DEU

b r e e d	c a n t r a i t	c o u n t r y 2	f o r e i g n c o u n t r y 2	a v e r a g e	b v a l u e	t c o r r e c t i o n
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AYS	FEET AND LEGS	DEU	OVERALL FEET & LEG	-22.314	0.2150
AYS	MAMMARY SYSTEM	DEU	OVERALL UDDER SCORE	-30.081	0.2892
AYS	STATURE	DEU	STATURE	-42.626	0.4484
AYS	CHEST WIDTH	DEU	CHEST WIDTH	-49.727	0.5165
AYS	BODY DEPTH	DEU	BODY DEPTH	-51.035	0.5120
AYS	PIN WIDTH	DEU	RUMP WIDTH	-52.527	0.5513
AYS	RUMP ANGLE	DEU	RUMP ANGLE	-67.801	0.6384
AYS	FOOT ANGLE	DEU	FOOT ANGLE	-32.788	0.3608
AYS	REAR LEGS SIDE VIEW	DEU	REAR LEG SET	-64.847	0.6368
AYS	REAR LEG REAR VIEW	DEU	REAR LEG REAR VIEW	-51.723	0.5329
AYS	UDDER DEPTH	DEU	UDDER DEPTH	-42.646	0.4322
AYS	MEDIAN SUSPENSORY	DEU	MEDIAN SUSPENSORY	-43.457	0.4203
AYS	FORE ATTACHMENT	DEU	FORE UDDER	-44.338	0.4299
AYS	FRONT TEAT PLACEMENT	DEU	FRONT TEAT PLACEMENT	-43.007	0.4260
AYS	TEAT LENGTH	DEU	TEAT LENGTH	-35.049	0.3412
AYS	REAR ATTACHMENT HEIGHT	DEU	REAR UDDER HEIGHT	-36.771	0.3344
AYS	REAR TEAT PLACEMENT	DEU	REAR TEAT PLACEMENT	-42.712	0.4035
AYS	ANGULARITY	DEU	ANGULARITY	-43.819	0.4179

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 Conversion Factors For Type. Source = INTERBULL MACE 2208
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=DFS

	c	c	f			
	a	o	o		a	b
	n	u	r		v	v
b	t	n	t		a	a
r	r	t	r		l	l
e	a	r	a		u	u
e	i	y	i		e	e
d	t	2	t			2
AYS	CONFORMATION	DFS	OVERALL CONFORMATION	-35.936	0.2861	0.3
AYS	FEET AND LEGS	DFS	OVERALL FEET & LEG	-28.584	0.2653	
AYS	MAMMARY SYSTEM	DFS	OVERALL UDDER SCORE	-45.448	0.4294	

AYS	STATURE	DFS	STATURE	-71.392	0.6966
AYS	CHEST WIDTH	DFS	CHEST WIDTH	-42.669	0.4318
AYS	BODY DEPTH	DFS	BODY DEPTH	-47.233	0.4294
AYS	PIN WIDTH	DFS	RUMP WIDTH	-52.870	0.5202
AYS	RUMP ANGLE	DFS	RUMP ANGLE	-56.683	0.5738
AYS	FOOT ANGLE	DFS	FOOT ANGLE	-48.930	0.4810
AYS	REAR LEGS SIDE VIEW	DFS	REAR LEG SET	-62.370	0.6743
AYS	REAR LEG REAR VIEW	DFS	REAR LEG REAR VIEW	-52.219	0.5025
AYS	UDDER DEPTH	DFS	UDDER DEPTH	-50.317	0.5167
AYS	MEDIAN SUSPENSORY	DFS	MEDIAN SUSPENSORY	-37.507	0.3267
AYS	FORE ATTACHMENT	DFS	FORE UDDER	-42.399	0.4085
AYS	FRONT TEAT PLACEMENT	DFS	FRONT TEAT PLACEMENT	-44.959	0.4483
AYS	TEAT LENGTH	DFS	TEAT LENGTH	-42.805	0.4282
AYS	REAR ATTACHMENT HEIGHT	DFS	REAR UDDER HEIGHT	-52.675	0.4728
AYS	REAR TEAT PLACEMENT	DFS	REAR TEAT PLACEMENT	-46.262	0.4344
AYS	ANGULARITY	DFS	ANGULARITY	-65.373	0.5852

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Conversion Factors For Type. Source = INTERBULL MACE 2208
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=GBR

	c	c	f			
	a	o	o			
	n	u	r	a	b	t
b	t	n	t	v	v	c
r	r	t	r	a	a	o
e	a	r	a	l	l	r
e	i	y	i	u	u	r
d	t	2	t	e	e	2
AYS	FEET AND LEGS	GBR	OVERALL FEET & LEG	-1.812	2.3446	
AYS	MAMMARY SYSTEM	GBR	OVERALL UDDER SCORE	-1.053	2.8788	
AYS	STATURE	GBR	STATURE	-3.195	4.6074	
AYS	CHEST WIDTH	GBR	CHEST WIDTH	1.516	3.9871	

AYS	BODY DEPTH	GBR	BODY DEPTH	0.265	3.3887
AYS	PIN WIDTH	GBR	RUMP WIDTH	-1.037	3.9506
AYS	RUMP ANGLE	GBR	RUMP ANGLE	-1.751	3.7794
AYS	FOOT ANGLE	GBR	FOOT ANGLE	-1.767	3.2922
AYS	REAR LEGS SIDE VIEW	GBR	REAR LEG SET	-0.074	3.3485
AYS	UDDER DEPTH	GBR	UDDER DEPTH	-0.761	3.0629
AYS	MEDIAN SUSPENSORY	GBR	MEDIAN SUSPENSORY	-1.878	2.6840
AYS	FORE ATTACHMENT	GBR	FORE UDDER	-0.038	3.3990
AYS	TEAT PLACEMENT	GBR	FRONT TEAT PLACEMENT	1.865	3.5597
AYS	TEAT LENGTH	GBR	TEAT LENGTH	-0.373	3.3392
AYS	REAR ATTACHMENT HEIGHT	GBR	REAR UDDER HEIGHT	-2.612	3.4754
AYS	ANGULARITY	GBR	ANGULARITY	-5.906	5.0597

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Conversion Factors For Type. Source = INTERBULL MACE 2208
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=LVA

	c	c	f			
	a	o	o		a	b
	n	u	r		v	v
b	t	n	t		a	a
r	r	t	r		l	l
e	a	r	a		u	u
e	i	y	i		e	e
d	t	2	t			
						t
AYS	STATURE	LVA	STATURE	-13.744	8.8027	
AYS	CHEST WIDTH	LVA	CHEST WIDTH	-3.744	16.7979	
AYS	BODY DEPTH	LVA	BODY DEPTH	-5.847	14.8113	
AYS	PIN WIDTH	LVA	RUMP WIDTH	-7.378	13.4236	
AYS	RUMP ANGLE	LVA	RUMP ANGLE	-11.504	13.6862	
AYS	FOOT ANGLE	LVA	FOOT ANGLE	-1.833	16.3236	
AYS	REAR LEGS SIDE VIEW	LVA	REAR LEG SET	-8.386	18.4453	
AYS	REAR LEG REAR VIEW	LVA	REAR LEG REAR VIEW	-5.682	22.8010	
AYS	UDDER DEPTH	LVA	UDDER DEPTH	-9.739	12.2760	

AYS	MEDIAN SUSPENSORY	LVA	MEDIAN SUSPENSORY	-7.806	13.3707
AYS	FORE ATTACHMENT	LVA	FORE UDDER	-11.715	14.0431
AYS	TEAT PLACEMENT	LVA	FRONT TEAT PLACEMENT	-6.893	13.4382
AYS	TEAT LENGTH	LVA	TEAT LENGTH	-3.416	9.3732
AYS	REAR ATTACHMENT HEIGHT	LVA	REAR UDDER HEIGHT	-15.271	11.8363
AYS	REAR TEAT PLACEMENT	LVA	REAR TEAT PLACEMENT	-11.497	15.3967
AYS	ANGULARITY	LVA	ANGULARITY	-15.990	17.1490

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Conversion Factors For Type. Source = INTERBULL MACE 2208
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=NLD

	c	c	f			
	a	o	o		a	b
	n	u	r		v	v
b	t	n	t		a	a
r	r	t	r		l	l
e	a	r	a		u	u
e	i	y	i		e	e
d	t	2	t			2
AYS	CONFORMATION	NLD	CONFORMATION	-111.436	1.1598	0.5
AYS	FEET AND LEGS	NLD	OVERALL FEET & LEG	-47.100	0.4642	
AYS	MAMMARY SYSTEM	NLD	OVERALL UDDER SCORE	-115.719	1.2300	
AYS	STATURE	NLD	STATURE	-113.640	1.2629	
AYS	CHEST WIDTH	NLD	CHEST WIDTH	-129.359	1.4044	
AYS	BODY DEPTH	NLD	BODY DEPTH	-105.178	1.1736	
AYS	PIN WIDTH	NLD	RUMP WIDTH	-84.170	0.9060	
AYS	RUMP ANGLE	NLD	RUMP ANGLE	-101.738	1.0142	
AYS	FOOT ANGLE	NLD	FOOT ANGLE	-92.683	0.9632	
AYS	REAR LEGS SIDE VIEW	NLD	REAR LEG SET	-120.682	1.1751	
AYS	REAR LEG REAR VIEW	NLD	REAR LEG REAR VIEW	-118.889	1.2050	
AYS	UDDER DEPTH	NLD	UDDER DEPTH	-126.441	1.3313	
AYS	MEDIAN SUSPENSORY	NLD	MEDIAN SUSPENSORY	-103.895	1.0505	

AYS	FORE ATTACHMENT	NLD	FORE UDDER	-126.149	1.3038
AYS	TEAT PLACEMENT	NLD	FRONT TEAT PLACEMENT	-114.305	1.2003
AYS	TEAT LENGTH	NLD	TEAT LENGTH	-87.062	0.8919
AYS	REAR ATTACHMENT HEIGHT	NLD	REAR UDDER HEIGHT	-97.031	1.0266
AYS	REAR TEAT PLACEMENT	NLD	REAR TEAT PLACEMENT	-106.773	1.0995
AYS	ANGULARITY	NLD	ANGULARITY	-101.721	1.1091

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Conversion Factors For Type. Source = INTERBULL MACE 2208
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=NOR

	c	c	f			
	a	o	o	a	b	t
b	n	u	r	v	v	c
r	t	t	r	a	a	o
e	a	r	a	l	l	r
e	i	y	i	u	u	r
d	t	2	t	e	e	2
AYS	CONFORMATION	NOR	OVERALL CONFORMATION	-30.971	0.2174	0.4
8						
AYS	FEET AND LEGS	NOR	OVERALL FEET & LEG	-28.497	0.2289	
AYS	MAMMARY SYSTEM	NOR	OVERALL UDDER SCORE	-41.900	0.3233	
AYS	STATURE	NOR	STATURE	-49.994	0.4322	
AYS	CHEST WIDTH	NOR	CHEST WIDTH	-34.104	0.3902	
AYS	BODY DEPTH	NOR	BODY DEPTH	-37.028	0.3273	
AYS	PIN WIDTH	NOR	RUMP WIDTH	-36.278	0.3797	
AYS	RUMP ANGLE	NOR	RUMP ANGLE	-45.140	0.4693	
AYS	FOOT ANGLE	NOR	FOOT ANGLE	-37.850	0.3530	
AYS	REAR LEGS SIDE VIEW	NOR	REAR LEG SET	-42.526	0.4718	
AYS	REAR LEG REAR VIEW	NOR	REAR LEG REAR VIEW	-42.588	0.3822	
AYS	UDDER DEPTH	NOR	UDDER DEPTH	-43.671	0.3710	
AYS	MEDIAN SUSPENSORY	NOR	MEDIAN SUSPENSORY	-42.378	0.3422	
AYS	FORE ATTACHMENT	NOR	FORE UDDER	-46.004	0.3929	
AYS	FRONT TEAT PLACEMENT	NOR	FRONT TEAT PLACEMENT	-40.608	0.3652	

AYS	TEAT LENGTH	NOR	TEAT LENGTH	-37.386	0.3638
AYS	REAR ATTACHMENT HEIGHT	NOR	REAR UDDER HEIGHT	-49.462	0.3849
AYS	REAR TEAT PLACEMENT	NOR	REAR TEAT PLACEMENT	-39.295	0.3645
AYS	ANGULARITY	NOR	ANGULARITY	-47.710	0.3406

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Conversion Factors For Type. Source = INTERBULL MACE 2208
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=NZL

	c	c	f			
	a	o	o		a	b
	n	u	r		v	v
b	t	n	t		a	a
r	r	r	r		l	l
e	a	y	a		u	u
e	i	2	i		e	e
d	t	2	t			2
AYS	CONFORMATION	NZL	OVERALL CONFORMATION	-8.919	10.1671	0.3
2						
AYS	MAMMARY SYSTEM	NZL	OVERALL UDDER SCORE	-10.075	12.3803	
AYS	STATURE	NZL	STATURE	-12.686	11.3539	
AYS	CHEST WIDTH	NZL	CHEST WIDTH	0.695	13.0094	
AYS	BODY DEPTH	NZL	BODY DEPTH	-0.910	10.7276	
AYS	PIN WIDTH	NZL	RUMP WIDTH	-5.096	16.1461	
AYS	RUMP ANGLE	NZL	RUMP ANGLE	-4.923	18.7270	
AYS	REAR LEGS SIDE VIEW	NZL	REAR LEG SET	5.348	36.7165	
AYS	MEDIAN SUSPENSORY	NZL	MEDIAN SUSPENSORY	-7.253	11.4441	
AYS	FORE ATTACHMENT	NZL	FORE UDDER	-8.173	12.3028	
AYS	FRONT TEAT PLACEMENT	NZL	FRONT TEAT PLACEMENT	-6.369	21.3336	
AYS	TEAT LENGTH	NZL	TEAT LENGTH	5.874	12.5565	
AYS	REAR ATTACHMENT HEIGHT	NZL	REAR UDDER HEIGHT	-8.878	13.2654	
AYS	REAR TEAT PLACEMENT	NZL	REAR TEAT PLACEMENT	-6.537	16.9991	

Conversion Factors For Type. Source = INTERBULL MACE 2208
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=USA

	c	c	f			
	a	o	o		a	b
	n	u	r		v	v
b	t	n	t		a	a
r	r	t	r		l	l
e	a	r	a		u	u
e	i	y	i		e	e
d	t	2	t			2
AYS	CONFORMATION	USA	CONFORMATION	-2.804	6.5206	0.6
AYS	FEET AND LEGS	USA	OVERALL FEET & LEG	-2.639	2.1013	
AYS	MAMMARY SYSTEM	USA	OVERALL UDDER SCORE	-1.267	4.7683	
AYS	STATURE	USA	STATURE	0.327	2.5925	
AYS	CHEST WIDTH	USA	CHEST WIDTH	0.852	4.6494	
AYS	BODY DEPTH	USA	BODY DEPTH	0.436	3.5213	
AYS	PIN WIDTH	USA	RUMP WIDTH	0.819	3.7743	
AYS	RUMP ANGLE	USA	RUMP ANGLE	-1.988	3.5381	
AYS	FOOT ANGLE	USA	FOOT ANGLE	-1.459	4.9957	
AYS	REAR LEGS SIDE VIEW	USA	REAR LEG SET	-0.156	6.7127	
AYS	REAR LEG REAR VIEW	USA	REAR LEG REAR VIEW	-2.375	-5.2637	
AYS	UDDER DEPTH	USA	UDDER DEPTH	-0.332	4.1920	
AYS	MEDIAN SUSPENSORY	USA	MEDIAN SUSPENSORY	-3.019	3.9107	
AYS	FORE ATTACHMENT	USA	FORE UDDER	-0.491	3.4934	
AYS	TEAT PLACEMENT	USA	FRONT TEAT PLACEMENT	-0.552	3.6381	
AYS	TEAT LENGTH	USA	TEAT LENGTH	1.162	2.8221	
AYS	REAR ATTACHMENT HEIGHT	USA	REAR UDDER HEIGHT	-1.361	3.5363	
AYS	REAR TEAT PLACEMENT	USA	REAR TEAT PLACEMENT	0.051	3.7972	
AYS	ANGULARITY	USA	ANGULARITY	-1.256	4.9265	

 CALCULATION OF FAT% AND PROTEIN% FOR AUGUST 2022

BREED BMILK BFAT BPRT

AYS	8023	334	275
BSW	8527	363	305
CN	5948	258	218
GUE	6854	315	242
JER	7070	365	275
HOL	10837	431	355
MS	7478	286	248

EBVFAT% = $200 * [(BFAT + EBVFAT * 0.5) / (BMILK + EBVMILK * 0.5) - (BFAT / BMILK)]$
 EBVPROT% = $200 * [(BPRT + EBVPRT * 0.5) / (BMILK + EBVMILK * 0.5) - (BPRT / BMILK)]$

EXAMPLE:

A HOLSTEIN bull has EBV MILK=+1000, EBVFAT=+50, EBVPROT=+40

EBVFAT% = $200 * [(431 + 50 * 0.5) / (10837 + 1000 * 0.5) - (431 / 11E3)]$
 = $200 * [(431 + 25) / (10837 + 500) - (0.03977)]$
 = $200 * [0.04022 - 0.03977]$
 = $200 * 0.00045$
 = 0.09

EBVPROT% = $200 * [(355 + 40 * 0.5) / (10837 + 1000 * 0.5) - (355 / 11E3)]$
 = $200 * [(355 + 20) / (10837 + 500) - (0.03276)]$
 = $200 * [0.03308 - 0.03276]$
 = $200 * 0.00032$
 = 0.06